A champion brave, alert and strong....To aid the right, oppose the wrong.

Camp Douglas, U. T., Friday Morning, September 30, 1864. Vol. II.

FER

ville,

City,

ot.

AYS.

TE

CAL,

ASTS

.s. liv

72.

AM

ORN

THE

ST.

yllu

Daily Union Vedette,

No. 76.

PUBLISHED EVERY MORNING, EXCEPT SUNDAYS PROVISION STORE. CAMP DOUGLAS, UTAH TERRITORY, OFFICERS AND ENLISTED MEN,

California & Nevada Territory Volunteers

Terms of Subscription:

One copy one month, (invariably in advance) ...\$1 00
One copy three months, " 275
One copy six months, " " 500 Rates of Advertising: Business cards (five lines or less) one month... \$ 5 00
"" three months, 12 00
"" " six months... 20 00

One-half column, one insertion,

" one month,

" three months,

" six months, One column, one insertion, one month, three months, six months, Regular or half yearly advertisers will be allowed to change at pleasure, at 40 cents a square for composition.

Transient advertisements, to insure insertion, must be paid for in advance.

The Special Norross charged for at the rate of fifty cents a line, each insertion.

The Markiass, Birriss, and Deaths are published in this paper free of charge.

Job Work, SUCH AS

MINING CERTIFICATES, PROGRAMMES, BALL INVITATIONS, BILL HEADS,

Cards, Circulars, Blank Forms IN GOOD STYLE AND ON REASONABLE TERMS.

All Orders addressed "To the Publishers of the Dally Venerre, Camp Bouglas, Utah Territory," will meet with prompt attention.

All Communications must be addressed to the "Editor of the Dally Union Venerre, Camp Douglas,

"Editor of the Park.

Utah Territory."

AT HIRAN S. TUTTLE is our Carrier, and authorized Ageut for the transaction of business in Salt Lage City.

Orders left for him at the U. S. Subsistence Storehouse Main Street, will be promptly attended to.

L. P. FISHER.

NO. 629 Washington Street, is the only Agent for the DAILY UNION VEDETTE, in the city of San Francisco. All orders for advertising, left with him will be promptly attended to.

Notice.

Having been appointed by His Excellency, the Governor of California, a Commissioner of Deeds for the State of California, I am prepared to enter upon the duties thereof, at my office, in Main street, Great Salt Lake City, opposite Wm. Jennings' store.

Deeds, Transfers, Powers of Attorney, and all other tegal papers made out on the shortest notice, and on reasonable terms.

Acknowledgements taken for any part of the United tates. apr9-tf PATRICK LYNCH.

JAMES LINFORTH, COMMISSION MERCHANT, 308 BATTERY STREET, San Francisco, Cal.

Sight Brafts on Salt Lake City, Utah Territory. Particular attention given to purchases for Utah. jy2tf

TELEGRAPH COAL BED.

\$4 per ton. PARTIES can be supplied with Coal at this mine at the above rate.

Orders left at the Telegraph Office or at the Mine will be promptly attended to. GEO. W. CARLETON, Great Salt Lake City, April 6th, 1864.

C. CLIVE,

MERCHANT TAILOR, Main St, opposite Town Clock, G. S. L. City, CLOTHING of all kinds made and repaired in the highest style of art. Particular attention paid to the manufacture of Officers' Military Uniforms

CARPENTERS WANTED!

THE best wages will be given for good House Carpenters. Apply to CHARLES KING, 8th Ward.

S. J. LEES'

on Main Street. Great Salt Lake City, U. T.
Miners' and Traders' Outsitting Establishment.

IDANO HOUSE, CORNER OF WALLACE & JACKSON STREETS, Virginia City, Mentana Ter'y.

THE undersigned has opened the above Hotel, and is now ready to accommodate all who may give him a call. Prices to suit the times.

J. M. CASTNER, aug24-tf

DISSOLUTION.

THE Banking firm of Powers, Newman & Co., has been this day dissolved by mutual consent. Their business will be settled up by their successors, Scorr, Kerr & Co., at their old place of business.

POWERS, NEWMAN & CO.

8. L. City, Sept. 1st, 1864.

SCOTT, KERR & CO.,

BANKERS.

(Successors of Powers, Newman & Co.,)

EAST TEMPLE STREET,

GREAT SALT LAKE CITY,

(Godbe's old Drug Store,)

Receive Moneys on Deposit, Buy Coin Gold Dust. and Exchange.

Pay interest on Time Deposits, by special agreement, and transact a General Banking Business.

METROPOLITAN BANK, N. Y. CITY. DREXEL & CO., Philadelphia, Pa. SCOTT, KERR & CO., Leavenworth sepi2-tf

BEN. HOLLADAY, }

W L. HAISEY, G. S. L. City. HOLLADAY & HALSEY,

BANKERS. At the office of the Overland Stage Line, Great Salt Lake City, will pay the highest rates for GOLD DUST AND COIN.

Dust bought for Coin or Currency. Cash paid for Government Vouchers. Drafts payable in Coin or Currency sold on

New York. San Francisco, Cal., Virginia City, Idabo, Denver City, Colorado,

Atchinson, Kansas, Portland, Oregon and Victoria, British Columbia. Postage Currency and Revenue Stamps for sale.
my2tf

AUSTIN M. CLARK, JNO. W. KERR, MILTON E. CLARK.

Clark & Co., BANKERS, Great Salt Lake City,

DEALERS IN

COIN, GOLD DUST BING EXCHANGE.

MONEY RECEIVED ON DEPOSIT.

Correspond with Metropolitan Bank, New York; Clark & Co., Leavenworth; Clark & Co., Denver. Refer by permission to Bank of Commerce, New York; Drexel & Qp., Philadelphia. jyltf

Notice. Jordan Silver Mining Company, West Mountain Mining District, Utah Ter'y. Mountain Mining District, Utah Ter'y.

NOTICE is hereby given, that in accordance with the
laws of California (under which the Company is incorporated) and the By-Laws of the Company, there
will be sold at public auction, on Wednessiay, the 5th
day of October. 1884, at 2870cle x m., at the Secretary's Office (Telegraph Office) Great Salt Lake City,
so many shares of the capital stock of the Company,
standing in the names of the following persons, as will
be necessary to pay all assessments due thereon, together with costs of advertising and sale:

State of Advertising and subsets.

No. of No. of No. of No. of Certificates. Shares. Asat's.

272 20 2.3,4.5.6 210 00 273 20 2.5,4.5.6 210 00 234 5 4.5.6 37 50 263 1 4,5.6 7 50 222—230 7 6 17 50 Daniel McLean, N. B. Eldred, L. Washburn, R. H. Willard, unknown,
By order of the Board of Trustees.
GEO. W. CARLETON,
Secretary.

RUSH VALLEY EXPRESS COMPANY

SEMI-WEEKLY LINE OF STACES

Rush Valley.

Stages leave the Mansion House, Salt Lake City, on Tuesday and Friday mornings,

at 7 o'clock; returning

Mondays and Thursdays.

GOOD ACCOMMODATIONS.

Time-Eight Hours.

Fare: \$5.00 each way.

Packages carried, and other business attended to with promptness and care.

SHAW BRO. & CO.

Salt Lake City, Sept. 8, '64. UNION LINE.

-FOR-Colorado River,

Connecting with Steamer ESMERALDA and BARGES,

Delivering Freight at all the principal places on the River.

No detention of Freight at the mouth of the River. Landing Freight and Passengers

La Paz, Lower California

The well-known and fast sailing schooner W. L. RICHARDSON. GEURGE GOODRUM, Master,

With Through Bills of Lading, Having a large pertion of her cargo engaged and going on board, will meet with dispatch, and take Freight and Passengers for the above points.

Ruperior Accommodations for Passengers. Such an opportunity is seldom offered for parties seeking

#3 For Freight or P-ssage, apply to the Captain or Board, Commercial Street Wharf, or to

WM.R. WADSWORTH & SON, 402 Front Street, San Francisco

VEDETTE G. & S. M. COMPANY.

West Mountain Mining District, U. T.,
September 18th 1864.

Notice is hereby given that in accordance with law,
and an order of the Board of Trustees made on the
second day of September, A. D. 1864; so much of the
stock standing in the names of the following shapeholders, as will be necessary to pay all delicquent
assessments levied thereon; together with the expenses
of advertising and sale, unless previously paid. Will
be sold at Auctions at the Secretary's office in Salt Lake
City on Monday the Third day of Uctober next, at
two oclock. F. M.

NAMES.	MARKS.	AN'T.
C B Waite	200	\$100 00
Dan'l McLean	200	110 00
N B Eldred	200	110 00
W H Jehu	200	- 110 00
Mrs D MoLean	200	110 00
A L. Bailey	200	110 00
Mrs G B Oglivie	200	310 00
Mrs C B Waite	175	100 00
- Titus	25	12 50
Williamson	25 25 25	12 50
Harlow Street	25	10 00
Albert Sinchir	900	80 00
Arthur Heitz -	175	75 00
Josiah Hosmer	100	40 00
Dan'l Sullivan	340	60 00
- Appleby	25	10 00
Francis Honeyman	25	20 00
Adam Craft	150	30 60
H O'Donnell	200	40 00
Amy Frances	25	5 00
Absalom Harlick	26	5 00
J C Furguson	, 100	20 00
	H. O. PRATT, Secretary.	

INTERNATIONAL HOTEL

IDAHOCITY.

T. GATES, Proprietor.

THIS House, under the supervision of the present proprietor, has been commodiously fitted up with Lodging Rooms for single persons and families.

The Ice Gream Salcon on the first floor has been changed into an Oyster Salcon, and the fermer patrons and traveling public are heartily welcome to our tables.

NOTICE.-Blank Mining Doods for sale

HO! FOR THE MINES!! ENGLISH IGNORANCE OF AMERICAN AFFAIRS. President Fairfield, of Hillsdale Cotlege, Michigan, writes from London to the Detroit Advertiser concerning the feeling of the English people towards the people of the United States. He says :

Ish people towards the people of the United States. He says:

"I am sorry to say it; but after a month spent in Great Estain, and eight months in travel generally, is which I have command been brought into contact and friendly personal relations with Englishmen, I am compelled to believe that envy of our national success, and hostility to our national growth, is the controlling feeling of the English people; and certainly I can count upon the fingers of one hand all that I have found in nine months who were in cordial sympathy with us in suppressing a pro-slavery rebellion which seeks to establish an empire of which slavery shall be the corner stone. You will understand that I have made it no part of my business particularly to seek out our friends; but appeak of those whom I have chanced to meet at hotels, cars and elsewhere, which I think much the fairest way of ascertaining the general feeling. One who addresses public audiences on the American side of the question will naturally gather about him those of his own opinions, and will be likely very much to misguide us as to the attitude of the great mass. And the general ignorance of the people, not only of the questions at issue between the North and the South, but even of the simplest facts of American geography, is most amusing. "Is Maine one of the Northern or one of the Southern States?" asked a talkative Englishman the other day, when allusion was made to this boundary State between ative Englishman the other day, when allusive Englishman the other day, when allusive as made to this boundary State between our country and the British possessions in North America. "Ohio, I believe, is one of the largest cities of New York, is it not?" was the sagacious inquiry of another. I cannot tell you how many times I have been asked, when saying that I came from Michigan, "Ia that in North or South America?" Certainly ore than twenty.

Several Englishmen were speaking with each other a few days ago, and one of them in expressing his large conception of what progress had been made in the States, asserted, "I suppose that railroads are now built as far as six hundred miles into the in-

Several Americans and Englishmen met at table a few weeks ago. The American war was the subject, when one of the latter, a member of Parliament, said to the Americans, member of Parliament, said to the Americans, "I am surprised that you should object to a separation from the South. You were never made to be one. Only see! a mere neck of land of insignificant dimensions connecting the two! And he drew his fingers into shape to indicate the isthmus which connects. North and South America! And, what is still richer, I have related this story to several parties of Englishmen, and not one of them has as yet detected the joke!

detected the joke!

Roger Ascham said a long time ago, "The schoolmaster is abroad." If so, he has either emigrated from England, or he is sadly deficient in American geography. I verily believe that if the statement should be made in the Times that this was a war between North America and South America, not one in ten of those who read that newspaper would detect the mistake; and if it were so declared to a mass meeting, embracing high and low, those who read and those who do not read, not over one in twenty would know otherwise."

MARK THEM .- Generals Grant and Sherman say that if the new levy of troops is quickly supplied it will break down the rebellion. The rebels are of the impression that they have so many friends in the loyal States that the draft cannot be enforced, and hence they are encouraged to hold out. Those who oppose the draft are friends of the rebels, and so recognized by them. The draft is to come off in the Eastern States on Monday. Watch the result, and see if in places leading Copperheads, calling themselves "Democrats," do not resist the draft, and by so doing place themselves unmistake-ably on the side of rebels.—Buc. Bec, Sept. 17th.

FULL ROLL—There were yesterday morning 100 names on the roll of the new artillery company of this city.—Sac. Union, Sept. 17.

DAILY UNION VEDETTE PRIDLY MINTE, BEN

Myer Mines of Utah-A Retrospect and a Prospect

Prospecting for gold and silver mines in Utah Territory, and the development of our mineral wealth, have now progressed far enough for us to express views founded on actual experience, and take a general glauce of the field. For years it has been the prevailing impression that gold and silver abounded in the mountains contiguous to the Mormon actflements. From time to time the most won derful stories of rich gold mines were whispered about, and not a few timorous Saints have been heard to say that, from the portals of their bouses they could look out on mines of fabulous wealth. For the past year many of the soldiers of this command have been engaged, while in the pursuit of other duties, in efforts to nnearth these hidden treasures. Perhaps the most ardent desire of those prominently engaged in this work, was to discover rich placer gold diggings. For the complete and most rapid development of a country. there is no more sure and effectual means than the discovery of such mines. By furnishing a field for individual labor, and a sure medium of sustenance if not the acquirement of wealth, they dignify labor, increase its value in all departments of the community. furnish a certain and steady market for the farmer, and enhance all the industrial interests of society. It was felt that nothing would so tend to elevate the masses of the people already settled here, raise them from wapt and its consequent slavishness, liberalize their ideas, bring in among them numbers of the outside world, and by the contact disabuse the people of the inane prejudices so industrionsly sought to be instilled into their too willing minds—that nothing would accomplish these so much to be desired objects, as the discovery of placer mines. That gold has only been found in limited quantities throughout the Territory, is therefore, to be regretted. Still, the search has not been without avail or barren of results. In various parts of Utah, silver mines have been discovered, almost illimitable in extent, and from the peculiar character of the ore and its susceptibility of being worked, of exceeding value.

Without referring at this time to the celebrated Panacker or Meadow Valley Districtto the Snake Creek silver mining region er to the riches of Egan Canon and Deep Creek-we confine our remarks to the Rush Valley mines. These mines are about forty miles from this city, and are perhaps the most extensive of any on the continent. The hills skirting Rush Valley on the East and South Fast are full of mineral. For miles there seems to be a belt of country most prolific in silver bearing ore. Scarcely a piece of rock can be picked up on the surface of the ground but indicates the presence of metal. Load upon lead, lode upon lode, vein upon vein, within a stone's throw of each other has been found. located and partially developed. All the veins have the same general characteristics, being argentiferous galena -or in other words veins of lead strongly impregnated with silver. These veine assay from \$50 to \$500 in silver to the ton, and from \$1 to \$100 in gold. Bwo furnaces have already been built and are nowin successful operation. The ore is thrown into them, subjected to heat, and the metal bars run out in great quantities. These bars are mixed lead and silver. We have before us a small bar assayed by Kellogg & Hewston of San Francisco, on which the assay is as fol-

Weight before melting, 40 20-100 ozs. " after Value of silver, 39 90-100 41 ets. \$297 21

With our present appliances tons of these bars can be taken out. The great desideratum pow is to ascertain a process whereby the sil

must flow he of the community.

The deductions we draw from these facts, are: first, That at present we connot advise men without means, mere adventurers and prospectors, coming hither, hoping to sustain themselves by daily labor or from the product of mines. Within the past few months the Saints, in pursuance of a policy well under-stood by themselves and the balance of us here, have enormously raised the prices of living. It takes a little fortune for a man to support himself in Utah. VILLAY HEUR

Secondly. To one or more persons posessed of a process for separating silver from lead, there is here opened the finest field on the Continent. Not only merely remunerative for labor and skill, but a certain fortune.

Thirdly. To the capitalist disposed to risk no, invest a few thousand dollars in the working and development of the mines already discovered, we know of no better place for such investment than is Utab.

These are our candid views, the expression of which we regard as due to ourselves, to persons designing to come hither, to capitalists who would find it vastly to their interest to visit us, and to scientific and practical menwho are much needed.

ORDERED TO REMAIN .- We are authorized to state that the order requiring the transfer of the Head-Quarters of the 2d Cav., C. V., to Camp Union. Cal., has been so modified as to enable Surgeon J. M. Williamson and Lient. H. R. Miller, Post Commissary, to remain on detached service at this Post. The friends of both gentlemen in this city will be glad to hear of their continued sojourn in our vicinity.

REVIEW TO-DAY .- The General command ing this District, will at 10 o'clock A. M. to. day, review and inspect the entire command at Camp Douglas. As there are seven companies of the 3d Infantry, and four of the 2d Cavalry, C. V. at Camp now, the review will be an imposing sight, and the citizens of Salt Lake City will no doubt embrace the opportuwity of seeing the "bold sojer boys" on pa-

Query.-Will some gentleman posted on inancial matters here, explain to us why it is that while gold is porchased by the bankers here at the rate of 150, the said bankers will either not sell at alt, or sell at some 40 or 50 per cent. in advance of their purchasing figure? It seems to us that the margin is too large. Certainly an explanation is desirable!

THE MINSTREIS .- There was a fine house assembled at Music Hall last night to enjoy the fun. music, etc., of the Sable Minstrels That "original song" was te-rif-fic. These pleasant entertainments are getting to be "the thing" among Salt Lakeans.

I AT AND GRO FAT .- Every one will undoubtedly go to see the "Burnt Cork Jokers" tonight at the Camp Douglas Theater. A new programme is presented and the managers assure us that there is a deal of sport in store for those who are fond of fun.

the wires-don't know what-but we have received no report for our readers to-day.

See advertisement of Greenback Exchange, P. Arnold & Co., Proprietors.

COMMUNICATED.

GREAT SALT LAKE CITY, Sept., 29, '64.
EDITOR VEDETTE :- While the leaders in this community, when closely cornered, prate loudly of pratriotism and even sometimes seem to have imposed on your own shrewdness; how do they account for the (to the under-signed) highly significant fact, that not one dollar has yet been collected or contributed by them for the relief of the Union army in the field; and that while other States. Territories, and isolated communities now within the wide domain of the United States Govern ment, vie with each other in their contribu-tions to the Smitary Fund—no copper, so far as we have ever learned, has come from Utah's patriotic (?) population—nor has a single public meeting, or address from the Tabernacle

rostrum ever been held with a view to this object? Comment is unnecessary, and we pause for a reply.

Respectfully.

SALT LAKE CITY, Sept. 28th, 1864.

EDITOR VEDETTE :- A few thoughts upon the geology and metallurgy of this country at this time, may not be wholly amies. My every day experience reminds me continually of the common saying "that all is not gold that glitcommon saying "that all is not gold that glitters," and individual experience in these monntains so often proving it too true, especially with that class known as gold seekers, induces me to attempt a few timely hists to those who are so industriously and untireingly seeking their fortunes by this generally, wild process of prospecting. To this class are all eyes now anxiously turned, and on their success or defeat seems to bang the pecuniary destiny not only of the masses in these mountain regions, but even that of the Nation, perhaps, in its rapid march to wealth and power. If events rapid march to wealth and power. If events so momentons are so intimately interwoven with the failure or succes of these adventurous, untireing, industrious and eare worm prospectors, fet every possible obstacle be re-moved that tends to discourage their efforts in the least, in pursuit of this laudable calling. And also place within their reach all practi-cal knowledge, by the use of which, time and means may be saved and success may be rendered more certain.

Pardon will be granted me, perhaps, for assuming this onerous task, but having given my undivided attention to the sciences bearing upon these subjects, the past few years. I freely offer these kindly suggestions, that aid may be rendered, though unsought. Having multum in parvo" for my motte, in ing "multon in parce" for my motte, in thought, if not in deed, I come directly to a few general rules founded upon geological and metallurgical research.

And first, the general geological characteristics of a locality should be carefully investigated and as far as possible ascertained, whether it be a granite, lime, state, sand or conglomerate formation, or a mixture of one or more, or all. I presume that the pros-pector need not spend any time in looking for metalic lodes in the sand or conglemerate formations, as none are there found. But not so in the others. Distinctions, bowever, are all important in these in order to accomplish the object sought. And this is not so difficult. For the lime formation is easily ascertained by making use of a little hydrochloric acid (muriatic acid, of the shops;) as, when applied to it, effervescence takes place by the disengagement of carbonic acid gas. Quartz rock is not affected in the same way by it, hence it is easily distinguished from the lime. This test should always be made, unless the character of the rock is otherwise determined, as it often and very generally determines the character of the ore

If for instance, a lode should be found, the matrix of which was limestone, traversing granite or some species of metamorphosed granit which is so abundant in the Rocky Mountain range; galena, argentiferous galena, argentiferous copper, or argentifferous zinc and cuperiferous ores would most naturally obtain. If, to change it a little, as is very common, quartzose (lime and quartz) forms the matrix, aroargentiferous galena, (gold, silver and lead) might be combined therein, or simply argentiferons ores alone. Galena ores are not often found in large quantities in quartz rock. Should, however, such croppings be found, there is no certainty of their stability, and very generally give way to other combinations. Whereas in the lime formations, even in a gold and silver range, it is not uncommon for galena to re-place all other metals as the lode is penetrated vertically, when rich indications of silver may have been obtained from the croppings.

The natural and usual matrix for gold is rogramme is presented and the managers sure us that there is a deal of sport in store or those who are fond of fun.

No Report.—Something is the matter with matter with matter and copper in combination, but it is very generally in quartz, unless in pulp resulting from decomposition of ores.

Copper and iron is a frequent combination, and in quartz also. The oxyds of copper iron, lead and even zinc and silver, may be found mixed together in a manner that is very deceptive at first sight, and can only be right valued by submitting to tests. Copper and silver seen natural in the same formation, hence rich indications of copper, in certain ranges, evidence rich silver deposits. In the same range, combinations of silver and lead would indicate less stability to the lead, or galens, unless lime matrix should maintain. galena croppings are no evidence of permanence vertically. And where many run parallel in close proximity, or cut each other at right angles, great caution should be exercised in locating lodes, as, too often, these croppings are projected masses from some parent lode penetrating the earth but a short distance. Lodes wide in their croppings, should also be thoroughly prospected vertically, as such a formation is unfavorable unless it widens as it goes down upon. Wedge shaped lodes, base downwards are generally permanent. Lodes of almost all metals are more permanent and value but metals are more permanent and valuable cut-ting through shistose or chroloritic states. The almost total absence of these formations

Rocky Mountains, having been projected the a silurian ocean, renders luvial deposits of gold in luvial deposits of gold in great general wash and disintegrating agracies annuergence and upheavel, following in quick anoccasion and long continued measury changes, for rich alluvial deposited metals (1) is to well evidenced to need discussing. Yet decomposed auriferous quartiodes will, by chance, occasionally be found marvelously rich as the gold has received. marvelously rich, as the gold has not been as moved and scattered by eruptive or alluvia agencies. These deposits, however, came give permanence and stability to these mounts. tains as mining districts. The undecomposed tains as mining districts. The undecomposed lodes contain the mineral wealth, and man be practically estimated in order to determine value and invite capital. Hence to much caution cannot be exercised in this medertaking. Another peculiar feature of the geology and metallucgy of these mountain, is the gradual subsidence—giving away of ca-tain metals, and the appearance of others in their stead, as you pass from a given point either north or south.

The greatest activity of the upheaving agencles seems to have increased as we go north-ward, and vice versa, and the auriferous de-posits seem to be coincident. This gradually subsides southward, and silver, lead, sine and tin, with liberal contributions of areaic and antimony, more liberally deposited; tin and zinc being more generally found near the southerly limits of the scale.

The prospector should not pass by care-lessly, dark colored slate formations; espe-cially the hard, fine grained chloritic or soft talcose (slate pencil) slate, as these strongly talcose (slate pencil) slate, as these strongly indicate coal; and it is perhaps unnecessary to say that such a well defined vein within the vicinity of this city is far more valuable than a score of silver veins yet discovered in the surrounding mountains—not in the least depreciating their value by this comparison either. From the profits of such a dark repulsive (to many) carbon yeth high; pulsive (to many) carbon vein, bright par-silver would flow in delage streams, hence I repeat "all is not gold that glitters."

Having thus briefly generalized on the geology and metallurgy of these interior moun tains, it will not be out of place, perhaps, but otherwise expected, to place in the hands of the prospector and miner some few simple tests, by making use of which he may mine the character of his prospected ores without ansfering the great inconvenience, many times, of submitting the same to an as-

A test for silver may be made by taking a small test tube, or vial that will stand beat. and put it into an inch of finely pulverized mineral and two inches of nitric acid on top of it. Apply heat until the acid boils a while. then filter the acid and return it to the glass tube and drop in a little chloride of so (common salt) in solution, when, if a white cloud or curd appears, either lead or silver is present. Then pour off the acid and expose the precipitate to the sun-light, and in a very few minutes, if silver, it will turn purple. A little aqua ammonia will re-dissolve the silver

A BLOW-PIPE TEST FOR SILVER.

On charcoal, sulphuret of silver fuses and swells considerably, forming large bubble, but after a continued blast it forms a grain of

SULPHUROUS ACID BEING GIVEN OFF.

Red silver ore (or ruby ore) on charcoal, decrepitates a little, fuses, burns and smokes like antimony, but gives no arsenical odour. Sulphurous acid is given off in the open tube. Antimonial silver and argentiferous anti-mony on charcoal fuses readily, forming a metalic bead, giving off a vapour like that of

Murinte (chloride) of silver (horn silver) on charcoal, gives a head gray, brownish or black, according to the purity of the ore.

sulphuret of copper on charcoal, gives our sulphurous acid. fusing readily in the outer flame. Argentiferous sulphuret of copper on charcoal, fuses easily, giving off sulphurous acid also. Cupalled with lead on bose asis, leaves a bead of eilver and the cupall appears a blackish areas. ulphuret of a blackish green.

Copper pyrites (sulphuret of iron and cop-per) on being heated blackens, becomes red on cooling and fuses more easily than the sul-phuret of copper. A little carbonate of sods added and globules of iron and copper are obtained

Sulphuret of lead (galena) on charcoal; does not fuse until after the disengagement of su-phur, globules of lead then form on the su-Cupelling will determine the present face

of silver.
Sulphuret of zinc decripitates violently on charcoal or when submitted to heat, giving sulphurous acid. Its appearance in ores is sulphurous acid. Its appearance in ores is in dicated by a fine lamination and silvery lusticated by a fine la tre. Silver and zine are compatible combina-tions and where the one is found the other may

belooked for also.

The above tests are sufficient if carefully made, to give an approximative knowledge of

the ores tested. To make these tests, one should supply himself with a small vial of muriatic acid and of aquia ammonia, a blow-pipe, (made of tin will do) a small piece of charcoal, a little borax and soda. Borax may be added in all the blow-pipe tests, but only a little.

Bone ash may be obtained by calcining, by fire, beef bones and grinding to fine powder, and washing in warm water well. Cupells are made or can be made, by moistening bone ash and working in any shape so as to leave a small cavity or cusp for the button to be cupelled. To cupell, place the button in the cupell and with the blow-pipe concentrate the blaze of a candle, or which is better, that of an alcohol lamp or the bule part of the flame, on the button until all of the lead is oxidized out, when, if for silver, a bright silver globule appears and no further oxydation.

Hoping these few suggestions may aid some anxious investigator. I am

quarte found

nally

c and

Care.

rongly cessary hin the

ast de-

at par ence I

the ge-

moun-ps, but ands of simple deter-

ience. 80 88

king a

d heat, verized

on top-

white

ехрове

pie. A le silver

grain of

harcoa smokes odour.

us anti-

ires off

pper on phurous ...

nd cop-e red on-the sul-of sods

per are

orl; does of sul-the sur-

presence

ently on iving of res is in-ery lus-ombina-

Respectfully, yours, etc., O. H. CONGAR, M. D.

The Indian war and the State Question

Nobody that has read the correspondence of the Governor in relation to threatened hostilities, covering as it does a year and a half past, and published by us a week or so since, will doubt for a moment that had his demands been granted, we would have been spared the present Indian war, and that all now would have been peace and prosperity in Colorado, instead of danger, alarm and ruin. Nor will any one deny that, had be been the Governor of a sovereign State, with two Senators and a full Representation in Congress to back his appeals, they would have been speedily granted. Nor will any one deny that as a Territory our people will be utterly powerless to secure payment for their services, or indemnity for their losses. Let us give two parallel cases though with a wide contrast in their resultin illustration. of the Governor in relation to threatened hosin illustration.

In the early days of its settlement the Ter-ritory of Oregon became involved in an In-dian war similar to our own, and probably not any more extensive. For toolve years her people were before Congress asking indemnity for their losses, and pay for their services, but without effect, though backed by such men as Joe Palmer. Joe Lane, (a power in his day under Democratic administrations.) Joe Meek.

under Democratic administrations.) Joe Meek.
(a near relative of ex-President Polk) and others. At last Oregon came in as a State and within less than one year thereafter her Indian war claims were allowed, and paid in full.

A couple of years ago there was a similar Indian outbreak in the State of Minnesota. and through the influence of her Senators, Messrs Rice and Wilkinson, immediate protection was afforded to her citizens, and the very next session of Congress provided for the payment of all claims arising from the war. Our readers are all familiar with the facts in this case. As a Territory, we will remain in the condition of Oregon during her twelve years fruitless petitions to Congress.

main in the condition of Oregon during her twelve years fruitless petitions to Congress. As a State we will receive an immediate hearing and prompt relief as did Minnesota. No right thinking man will be so unjust to our suffering citizens as to vote against the State under the present circumstances.

He who votes to reject the Constitution really votes against paying Captain Tyler and his men for their brave and patriotic services; against the payment of Captain Browne's company; against the payment of all other militiamen who have been or may be called into the service, and against indemnity for all losses suffered by citizens generally, at least losses suffered by citizens generally, at least for long years to come. Certainly no good citizen of Colorado will vote against paying our brave defenders, nor against indemnifying those who have suffered such heavy losses by this infernal Indian war. We know you will not be guilty of either ingatitude or inhumanity, therefore, we confidently expert to record an almost unanimous vote "For the Constitution"—Denver News, Sept. 7th.

THEATER AT SALT LAKE. - The Denver News. says: "The management of that Mormon theater at Salt Lake City have allowed their bigotry to blind their patriotism, if they ever had any, and refuse admission to the soldiers of Gen. Connor's command, at Camp Douglas, near Salt Lake City. We question the privi-lege of a public institution like a Theater to discriminate between our brave soldiers and those bogus bigamists, centigamists, etc., at such a place as that; while the discourtesy of

the thing is detestable to an extreme."

Brigham's head is level. He is well aware that our "bold soldier boys" would find no or if they did, would valiantly storm the breastworks and capture and carry off the old sinner's harem—greatly to the delight, we have no doubt, of the aforesaid harem—Carson Daily Poet Sant 19th. son Daily Post, Sept. 19th.

Speaking of a New York paper, somebody says: "Too religious to commit suicide, it has doubled its price, and seeks a natural mode of exit to the other world."

PRICE OF GOLD.

Cus- 175. Diez-Virginia, \$2600-2700; Boise, \$2200-2400.

P. ARNOLD & CO.

The best Wines and Liquors in the market always on

Bottled Wines and Bitters.

A polite and accommodating Bar-keeper in atten-dance. Call and sea. CAMP DOUGLAS THEATER!

Every Friday evening, the Burnt Cork Jokers

Will present a new*programme consisting of

ESQUES, TUMBLING, BURLESQUES, JOKES. &C. &C.

Prices of Admission. Officers' Boxes. A State Coats
Other parts of the House. Twenty five Conts
Doors open at 7 o'clock. Performances commence at 120tf

CITY RESTAURANT,

Main Street, (opposite U. S. Subsistence Store-house,) Salt Lake City. The Subscribers having fitted up, in elegant style, this NEW RESTAURANT,

NEAT AND COMPLETE In all its apartments and arrangements, are determined so to keep it that those patronizing them will find no fault. The Tables will always be supplied with the Best the Market Affords.

And made it

HELLER & SNYDER,

Auction and Commission Merchants, Second South Temple Street, two doors from East Temple Street, (west.)

WILL sell at public and private sale, at Ten o'clock every morning, Horses, Wagons, Merchandise, etc. Warehouse for Storage.

Wanted: Produce of all kinds. s191f

SALT LAKE HOUSE.

East Temple Street Salt Lake City. THIS I ARGE AND EXCELLENT HOTEL HAS BEEN open so long to the public, that it is unnecessary for the proprietor to give it any recommendation, except that it has lately been re-modeled and re-fitted with extensive additions, has First Class accommodations, good, clean Beds, and Tables supplied with the

BEST THE MARKET AFFORDS. In connection with the House is a BAR always furnished with the choicest brands of

Wines, Liquors and Cigars.
F. LITTLE, Proprietor.

AUSTIN M. CLARE. | JOHN W. KERR. | MILTON R. CLARE. CLARK & CO., BANKERS,

East Temple Street, (Salt Lake House,) G. S. L. City. Exchange Sold on all parts of the United States and Europe.

SALT LAKE HOUSE, F. LITTLE Proprietor.

East Temple Street, Salt Lake City. #261 GEM SALOON.

In the rear of Brown's Store, Main St., BY SEWELL & GREEN.

If you want good and pure liquors, call at the Gem If you want a good cigar, call at the Gem Saloon.

If you want to rest and read the latest newspapers call at the Gem.

sp24-1mp

MANSION HOUSE. Cor. Emigration Street and State Road,

GREAT SALT LAKE CITY.

The undersigned having taken this large and commodious Hotel, respectfully solicit the patronage of the public.

Excellent sleeping accommodations, and the table provided with the best the market afords.

Good corral and stabling on the premises.

sep23tf JOHNSON & CHISHOLM.

J. M. SIMMONS, Assistant Assessor Internal Revenue, First Division District of Ulah.

Residence: Two doors east of Theatre, opposite City Hail, Salt Lake City.

T. D. BROWN & SON, Provision Store, EXPRESS AND EXCHANGE OFFICE. East Temple Street, Salt Lake City.

UNION SALOON, Groesbeck's Building, Third door from East Tomple St.

MOORE & EWING. BEST OF WINES, LIQUORS AND CIGARS. If

GOODRICH HOUSE, Bannack City Montana Territory.

THIS HOUSE is now open for the accommodation of the Public, with

Good Beds, and Tables

That will always be furnished with the best the mar ket affords.

Good Corral and Stables near the premises. W. O. GOODRICH.

UNITED STATES SALOON,

Cor. Main, and Second South Temple Str.

THE first and Furcet Inside of Wines. Liquors and Cigars always kept at this House. Also: a fine sitting room for the accommodation of customers.

SHOLES, Proprietor

t is for me to give them up, and bu

ashes the hopes of fotnice when thed willing we might

manhood around us. I have, I but few and anoth claims apon

jest breath escapes me on the

bevel bus bowil FREIGHT TO VIRGINIA CITY!

FREIGHT TO IDAHO CITY!

floid, it will whisperyons mands. Its Freight to Bannack City!

The undersigned is prepared to farnish any amount of Transportation for

lider may reed paved base

gorne with year to

avowle flore I

ANY AMOUNT OF FREIGHT.

the diew bon Afgles with

Bither by Mule or Ox Teams,

TO THE ABOVE, OR OTHER POINTS,

WITH SAFETY AND DISPATCH.

And upon

Reasonable Terms.

27 Apply at my office, Balt Lake House, first door outh Hotel entrance.

HOWARD LIVINGSTON.

September 2d, 1864.

MULES.

I have Fifty Head of

LARGE, YOUNG, AND WELL BROKE

AMERICAN MULES,

Which I will exchange for

WHEAT,

BARLEY, GATS, FLOUR OR HAY.

HOWERD LIVERSTON.

September St, 1860.

CHA ROBOP TIME

Aprile 14 BA BANK 1 D.

A J. OLIVER & CO'S. EXPRESS LINE.

Will leave Great Sait Lake City, Utah, for Virginia City, Montana, every Toesday and Saturday after the 18th last., over the new Cat-off. Nearest routs by

70 Miles-Time-4 Days!

d actually ahead of any other line, 26 to 46 hours. Passengers allowed terminy-five pounds of Bagrage in TREASURE, or anything they shouse to carry.

Treasure shipped on the most reasonable tarms, and by trustworthy measurers well known to the posmonalty at large.

STAGES FOR EAST MANNACK

Leave Virginia City on Mondays, Wednesdays, Thursdays and Sundays.

Time-Nine Hours. Salt Lake City, Sept. 17 '64-47 Agent.

Special Notice! TILL FURTHER NOTICE THE

OVERLAND STAGE LINE COACH WILL LEAVE THIS CITY FOR

DENVER, COLORADO TERRITORY, DVERY DAY.

at 4 o'clock, a. m.

W. L. HALSEY, Agent. Salt Lake City, Sept. 6th, 1864. sep8-tf

JUST OPENED!

A New Assortment of

GENTS' FURNISHING GOODS.

Consisting chiefly of

Coats, Pants, Vests, Hats, Shirts, Collars, Cravats,

Boots and Shoes.

Also have on hand everything in the

DRY GOODS AND GROCERY LINE.

sepf-lm WALKER BRUS.

SPECIAL NOTICE! Till further hotite, the

OVERLAND MAIL COACH

Will leave this City for

VIRGINIA CITY, NEVADA TERR'Y, Every Monday, Wednesday and Friday Morning, at 8 o'clock, returning from the West the following days.

H. S. RUMFIELD, Agent. Salt Lake City, Aug. 29, 1864.

PHŒNIX SALOON, FINE WINES, LIQUORS AND CIGARS Constantly on hand. REST & RESTAND, Prop'rs.

IOWA HOUSE,

BOISE CITY, WAHO TER'Y,

Fornetty known as the Planter's House.

THE undersigned would respectfully inform the traveling public that they have perchased this new and commodious House and stabling, and are now enlarging and improving; hoping to make it equal to any in the city.

Easy and Grain felf at our stables; also, Stock respected on reasonable terms. Give us a trialless. The Overland Stages arrive and depart from this House.

P. SMITH & CO.

PLANTERS' HOUSE CORNER OF IDAHO & JACKSON STS.

Virginia City, Mostana Ter'y. This Book is nessent for the second attention of the public, with good season, and table actualised of the best the market affects.

the American Flogica And

We are indebted to J. W. Stow, Esq., of this city, for a copy of the following letter from Major Sullivan Ballou, of the Second Rhode Island Regiment. It was written and addressed to his wife the night before his departure to Manassas, where he was killed on the following Sunday. In his private note Mr. Stow says: "It is difficult to conceive of a devotion to country more perfect and lofty-than that which impelled this noble and gifted man so early to the field, from a home so dearly prized, from a household too tenderly cherished. I have never yet been able to read the letter except through my tears. Coming across the sad memorial recently among my papers, I have thought you would like to read and perhaps print it, and have had a copy made for you."

CAR CLARK, WASHINGTON,

July 14th, 1861. My VERY DEAR SARAH :- The indications are that we shall move very soon, perhaps to morrow. Lest I should not be able to write to you again, I feel impelled now to write a few lines that may fall under your eyes when I shall be no more. Our movement may be one of a few day's duration and full of pleasure, and it may be one of sorrow, conflict and death to me. "Lord, not my will but thine be done?" If it is necessary that I should fall on the battle field for my country, I am ready. I have no misgivings about or lack of confidence in the cause in which I am engaged, and my courage does not halt or falter. I know how strongly American civilization now leans on the triumph of the Government, and how great a debt we owe to those who went before us through the blood and suffering of the Revolution, and I am willing-perfectly willing-to lay down all my joys in this life to help maintain this Government and pay that debt. But, my dear wife, when I know that with my own joys I lay down nearly all of yours, and replace them in this life with cares and sorrows; when, after having eaten for long years the bitter fruits of orphanage myself, I must offer it as the only sustenance to my dear little children, is it weak or dishonorable that, while the banner of my purpose floats calm-ly and proudly in the breeze, underneath my unbounded love for you, my darling wife and children, should struggle in fierce, though useless, contest with my love of country? I cannot describe to you my feelings on frighdens him, and I says, 'Look here, this calm summer Sabbath night, Mr. Pull-Dog, Stand back, I fights on when thousands of men are sleeping dis line all zummer.' But de pull-around me, many of them, no doubt, dog, he don't care for dat, so I vlanks enjoying the last sleep before death, him while I am awed with the feeling that death is creeping around me with his fatal dart, as I sit communing with my God, my country and thee. I have sought, most closely and diligently and often, in my heart for a wrong motive in thus hazarding the happiness of all those I love, and I could find none. A pure love of country, and of those principles which I have so often advocated before the people—another name of honor that I love more than I fear death, has called upon me, and I have obeyed.

Sarah, my love for you is deathless;

creeping over me, and I feel mest greatfaith Gut and to be that I have enjoyed them so long. And how hard it is for me to give them up, and burn to ashes the hopes of future years, when, God willing, we might still have lived and loved together, and seen our some grow up to honorable manhood around us. I have, I know, but few and small claims upon Divine but few and small claims upon Divine Providence, but something whispers to me—perhaps it is the wafted prayer of my little Edgar-that I shall return to my loved ones unbarmed. If I do not, my dear Sarah, never forget how much I loved you; and when my last breath escapes me on the battlefield, it will whisper your name. Forgive my many faults, and the many pains I have caused you. How foolish, how thoughtless I have oftentimes been. How gladly would I wash out with my tears every little spot upon your hapiness, and struggle with all the misfortunes of this world to shield you and our children from harm, but I cannot. I must watch you from the spirit land, and hover near you while you buffet the storms with your precious freight, and wait with patience till we meet to part no more. But, oh! Sarah, if the dead can come back to this earth and fit unseen around those they love, I shall always be near you; in the gladdest day, in the darkest night; amidst your happiest scenes and your gloomiest hours, always—always; and if there be a soft breeze upon your cheek, it shall be my breath; or if the cool air fans your throbbing temples, it shall be my spirit passing by. Sarah, do not mourn me dead, but think I am gone and waiting for thee-for we shall meet again. As for my little boys, they will grow up as I have done, and never know a father's love or care. Little Willie is too young to remember me long. And my blue-eyed Edgar will keep my frolics with him among the dim memories of his childhood. Sarah, I have unlimited confidence in your maternal care, and your development of their characters, and I feel that God will bless you in your I call God's blessing upon them. Oh, Sarah, come to me, and lead thither my two children.

My wife, farewell, SULLIVAN.

A FLANK MOVEMENT.—One of Sigel's soldiers gives the following account of a foraging adventure he had in Virginia: "Vell, you zee, I goes down to dat old fellow's blace dat has a beachorchard, vere ve vos stationed, to steal some beaches, and ven I gets to de vront gate vat you dinks I zee? I sees dere a pig pull-dog, and he looks mighty sawage. So I dinks I

"How did you do that?" "Vy I goes vay arount, so as de pull-dog coulden't see me! Vy dere zee dat same old pull-dog! So I vlanks him again."

" How did you do that?"

"Vy, I goes vay around again, so as he couldn't zee me to anoder little beech orchard, and ven I gets dere vot you dink I see? Vy, dere I see dat same old pull-dog! So I vlanks him again."

"How did you do that?

"Vy, I says to dat old pull-dog, Look here Mister Pull-dog, I vlanks it seems to bind me with mighty cables, that nothing but omnipotence
could break; and yet my love of
country comes over me like a strong
wind, and bears me irreaistably on,
with all these claims, to the battlefield. The memory of all the blissful

GILBERT & SONS.

(Late "Abel Gilbert," next door to Salt Lake House) are now receiving the most

MAGNIFICENT STOCK of

GENERAL ASSORTED MERCHANDISE,

Ever offered in the Territory, consisting of

SILKS, FRENCH LAWNS, CALICOES, CHAMBRAY, COTTON, WOOLEN 4 MIXED FABRICS, FLANNELS, AND OTHER STAPLES,

Selected to suit this market.

ALSO: A LARGE AND

WELL SELECTED STOCK

Groceries, Hardware,

Boots and Shoes,

Hats and Caps,

And the finest assortment of late style

READY MADE CLOTHING,

Ever offered for sale here.

CALL AND EXAMINE OUR STOCK.

GILRERT & SONS.

RANSOHOFF & CO.,

holy work. Tell my two mothers that New Goods! New Goods!!

FINE ASSORTMENT OF

SPRING GOODS.

COMBISTING DE

elc., . . . elc., . . . elc.,

Also a Fine Stock of

In Fact Everything in the Ladies' Line.

Boots, Shoes, Clothing and Furnishing Goods.

The Highest Price Paid for Gold Dust and Coin.

THE TRAIN FROM THE EAST!! OVERLAND STAGE LINE

BEIN HOLLADAY, Proprietor.

Carrying the great through mail between the

ATLANTIC AND PACIFIC STATES.

This Line is now running

DAILY COACHES

In connection with the

Overland Mail Company

To and from Aichison, Kansas, and Placerville, California, through Salt Lake City.

Coaches for Atchison leave every day at nine a. m

A Treasure and Freight Express

Carried weekly between

SALT LAKE AND ATCHISOR,

In charge of the most Competent and Trustworthy

This Line also runs

TRI-WEEKLY COACHES.

Carrying Passengers, Mails and Express matter between Salt Lake City and Virginia City, Idaho, via. Bannack City. Also, a

TRI-WEEKLY LINE

Between Walla Walla, Oregen, and Salt Lake City, via. Boise City, West Bannack.

Time to Denver, Six days. Time to Atchison, Twelve days

W. L. HALSEY. Agent.

OVERLAND MAIL CO.

TO VIRGINIA, NEVADA TERRITORY, IN 5 DAYS.

THE OVERLAND MAIL COMPANY, carrying the Ustreen States Mail from Sail Lake City to Virginia, Nevada Territory, forms in connection with the Overland Stage Line, East, and the Pioneer Stage Company, West, the

GREAT OVERLAND MAIL LINE

BETWEEEN

ATCHISON, KANSAS, AND PLACERVILLE, CAL,

and a perfect line of communication between THE ATLANTIC AND PACIFIC COASTS

The coaches of this Line are NEAT AND COMMORSOUS, and

special attention is paid to the comfort and conveniens

The Trip from

of passengers.

SALT LAKE CITY TO VIRGINIA,

INSIDE OF FIVE DAYS;

thence by rapid means of conveyance to Piacervil.s, Sacramento and San Francisco, making the

Through Trip Inside of Seven Days.

COACHES LEAVE

SALT LAKE CITY, DAILY, AT 8, A.M. ARRIVE FROM THE WEST EVERY MORN ING IN TIME TO CONNECT WITH THE OVERLAND STAGE FOR THE EAST.

OFFICE. First South Temple street, adjoining Jen

H. S. RUMFIELD, Agent. GREAT SALT LAKE CITT July 1st, 1864.